

Markets & Reliability Committee
PJM Conference and Training Center, Audubon, PA / WebEx
July 23, 2025
8:30 a.m. – 3:45 p.m. EPT

Administration

1. Stu Bresler and David Anders welcomed stakeholders and provided the Anti-trust, Code of Conduct, and Meeting Participation announcements.

Consent Agenda

Items A through E were **approved/endorsed** by acclamation with no objections and one abstention:

- A. Draft minutes of the June 18, 2025 meeting of the Markets and Reliability Committee (MRC).
- B. Draft minutes of the June 26, 2025 Special MRC – Operating Reserve Clarification Page Turn meeting.
- C. Conforming revisions to Manual 10: Pre-Scheduling Operations, Manual 11: Energy & Ancillary Services Market Operations, Manual 14D: Generator Operational Requirements, Manual 21B: PJM Rules and Procedures for Determination of Generating Capability, Manual 27: Open Access Transmission Tariff Accounting, and Manual 28: Operating Agreement Accounting addressing market rules around hybrid resources (Docket # ER25-1095).
[Issue Tracking: Hybrid Resources Enhancements \(Hybrids Phase 3\)](#)
- D. Proposed Manual 14C: Generation & Transmission Interconnection Facility Construction revisions as a result of its periodic review.
- E. Conforming revisions to Manual 18: PJM Capacity Market addressing capacity market rules approved in FERC Dockets: ER25-682, ER25-785, ER24-2995, and ER25-1357.

Endorsements

2. Operating Reserves Clarification

Lisa Morelli reviewed the PJM/IMM proposal regarding Operating Reserve Clarification Credit Reform. Following discussion, the proposal was **endorsed** in a sector-weighted vote with 4.611 in favor.
[Issue Tracking: Operating Reserve Clarification for Resources Operating as Requested by PJM](#)

3. Manual 14H: New Service Requests Cycle Process Revisions

Michelle Farhat reviewed conforming revisions to Manual 14H: New Service Requests Cycle Process addressing the cycle process and site control modifications in FERC Order in Docket No. ER25-1544. Following discussion, the conforming revisions were **approved** by acclamation with no objections or abstentions.
[Issue Tracking: Site Control Modification Clarification](#)

4. 2027/2028 Base Residual Auction (BRA) Installed Reserve Margin (IRM) and Forecast Pool Requirement (FPR)

Josh Bruno provided an update on the 2027/2028 RPM BRA IRM and FPR. Following discussion, the proposal **failed** at first read in a sector-weighted vote with 3.262 in favor. Same day endorsement will be sought at the Members Committee.

5. Sub-Annual Capacity Market Issue Charge

Jacob Finkel, Commonwealth of Pennsylvania, reviewed a proposed Problem Statement and Issue Charge to address a sub-annual capacity market. He acknowledged posted comments from PJM, and adopted the following additions to the Issue Charge Key Work Activity 2 suggested by PJM:

- Corresponding changes to the Fixed Resource Requirement alternative to align with the subannual capacity market design.
- Corresponding changes to energy and reserve market must offer requirements to align with a sub-annual capacity market design.
- Transition mechanisms necessary to implement a sub-annual capacity market by the desired timeframe.

Sophia Dossin, Middle River Power, proposed and Jacob Finkel accepted, an amendment to add an Expected Deliverable as follows:

The consultant report should also include an addendum addressing written comments and questions from stakeholders, which PJM would solicit and deliver to the consultant prior to the report's completion.

Following discussion, Jacob Finkel provided an updated Issue Charge incorporating the proposed amendments, and also making additional edits to address additional comments from stakeholders. This updated proposed Issue Charge was posted with the materials for the meeting. John Horstman, Dayton Power & Light, proposed and Jacob Finkel accepted an ammedment to strike “external” and insert “potential” in the first sentence in the Issue Content section of the Issue Charge as follows:

PJM and **external** stakeholders have recognized the **potential** benefits of a comprehensive sub-annual capacity market auction structure for grid reliability and efficiency for many years.

The Issue Charge was **approved** in a sector-weighted vote with 2.829 in favor (N.B.: the threshold for approval for issue charges is simple majority, or a 2.500 sector-weighted vote).

6. Dual Fuel Capacity Definitions

James Davis, Dominion, reviewed a proposed Problem Statement, Issue Charge and proposed solution addressing modifications to the Dual Fuel Capacity Definitions contained in the Reliability Assurance Agreement (RAA) to expand the definition of dual fuel resources to encompass dedicated fuel sources that are not strictly “onsite.”

Michael Youth, NCEMC, proposed, and James Davis accepted, an amendment to the proposed RAA revisions to add "... (2) *stored offsite and* can be directly ..." in both the Gas Combined Cycle Dual Fuel Class and the Gas Turbine Dual Fuel Class sections.

Following discussion, the Issue Charge was **approved**, and the proposed solution and corresponding RAA revisions were **endorsed** as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 by acclamation with no objections or abstentions.

7. Storage Integration (Phase II): Transmission Asset Utilization in Operations

- A. David Anders reviewed a proposed Issue Charge addressing operations utilization for storage as a transmission asset.
- B. Juliet Anderson, Constellation, presented an alternative Issue Charge.
- C. Alex Stern, Exelon, presented an alternative Issue Charge.

Following discussion, the PJM Issue Charge failed in a sector-weighted vote with 2.394 in favor. Alex Stern withdrew the Exelon proposed alternate Issue Charge. The Constellation alternate Issue Charge was **approved** by acclamation with two objections and no abstentions.

First Readings)

8. RPM Seller Credit

Gwen Kelly reviewed a proposed solution addressing a review of RPM seller credit provisions for market participants. The committee will be asked to endorse the proposed solution and corresponding Tariff revisions at its next meeting.

[Issue Tracking: Review of RPM Seller Credit Provision for Market Participants](#)

9. Elimination of First Use

Thomas DeVita reviewed a proposed solution eliminating "first-use" in PJM distribution-level interconnections. The committee will be asked to endorse the proposed solution and corresponding Tariff revisions at its next meeting.

[Issue Tracking: Eliminating "First Use" for Interconnections to Distribution Facilities in PJM](#)

10. Quadrennial Review

- A. Skyler Marzewski reviewed PJM's proposed solution addressing PJM's Quadrennial Review.
- B. Joe Bowring, Monitoring Analytics, reviewed the IMM's proposed alternative solution.
- C. Tom Hoatson, LS Power, reviewed LS Power's proposed alternative solution.
- D. Christian McDowell, PA PUC, will review the PA PUC's proposed alternative solution.

The committee will be asked to endorse a proposed solution at its next meeting.

[Issue Tracking: 2025 Quadrennial Review](#)

11. Manuals

- A. Joey Tutino, Ilyana Dropkin, Damon Fereshetian and Suzanne Coyne reviewed proposed revisions to Manual 11: Energy & Ancillary Services Market Operations, Manual 12: Balancing Operations, Manual 15: Cost Development Guidelines, and Manual 28: Operating Agreement Accounting addressing organizational and conforming revisions for regulation market redesign changes resulting from the Regulation Market Design Phase 1 (FERC Docket ER24-1772). The committee will be asked to endorse the proposed Manual revisions at its next meeting.
[Issue Tracking: Regulation Market Design](#)
- B. The first read of proposed revisions to Manual 13: Emergency Operations as a result of its periodic review was deferred until the committee's next meeting.
- C. The first read of proposed revisions to Manual 14D: Generation Operational Requirements addressing the revised deactivation process resulting from the Deactivation Enhancements Senior Task Force (DESTF) Phase 1 (FERC Docket ER25-1501) was deferred until the committee's next meeting.
- D. The first read of conforming revisions to Manual 21B: PJM Rules and Procedures for Determination of Generating Capability addressing additions and updates to the Effective Load Carrying Capability (ELCC) Classes was deferred until the committee's next meeting.
- E. The first read of proposed revisions to Manual 33: Administrative Services for the PJM Interconnection Operating Agreement addressing updates resulting from the Deactivation Enhancements Senior Task Force (DESTF) Phase 1 (FERC Docket ER25-1501) and from its periodic Manual review was deferred until the committee's next meeting.

Informational Report

12. 2026/2027 RPM Auction Results

This item was removed from the agenda. A related presentation was posted with the meeting materials; stakeholders were encouraged to review the materials and submit questions to PJM. Stu Bresler noted that a presentation regarding the Auction results will be included on the agenda for the August 6, 2025 Market Implementation Committee Meeting.

Future Agenda Items

No new future agenda items were identified.

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location	5:00 p.m. EPT deadline*	
August 20, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	August 8, 2025	August 13, 2025
September 25, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	September 19, 2025	September 24, 2025
October 23, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	October 13, 2025	October 16, 2025
November 20, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	November 10, 2025	November 13, 2025
December 17, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	December 5, 2025	December 10, 2025

*Materials received after 12:00 p.m. EPT are not guaranteed timely posting by 5:00 p.m. EPT on the same day.

Author: D. Anders

Meeting Attendance

Chair/Secretary

Last Name	First Name	Company	Sector
Bresler	Stu	PJM Interconnection	None
Anders	Dave	PJM Interconnection	None

Voting Attendees

Last Name	First Name	Company	Sector
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Barker	Jason	Vitol Inc.	Other Supplier
Borgatti	Michael	Oregon Clean Energy, LLC	Generation Owner
Borgatti	Michael	Lincoln Generating Facility, LLC	Generation Owner
Borgatti	Michael	Jersey Green Energy, LLC	Other Supplier
Borgatti	Michael	Recurrent Energy, LLC	Other Supplier
Borgatti	Michael	Moxie Freedom LLC	Generation Owner
Borgatti	Michael	Eagle Point Power Generation LLC	Generation Owner
Borgatti	Michael	NextEra Energy Marketing, LLC	Other Supplier
Borgatti	Michael	Hazleton Generation LLC	Generation Owner
Borgatti	Michael	Longview Power, LLC	Generation Owner
Borgatti	Michael	York County Solid Waste and Refuse Authority	Generation Owner
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bruce	Susan	Lehigh Portland Cement Company	End-Use Customer
Bruce	Susan	Linde Inc.	End-Use Customer
Bruce	Susan	Messer LLC	End-Use Customer
Bruce	Susan	Letterkenny Industrial Development Authority - PA	Electric Distributor
Bruce	Susan	Procter & Gamble Paper Products Company (The)	End-Use Customer
Bruce	Susan	Cleveland-Cliffs Steel LLC	End-Use Customer
Bruce	Susan	Kimberly-Clark Corporation	Generation Owner
Bruce	Susan	Gerdau Ameristeel Energy, Inc.	End-Use Customer
Bruce	Susan	Air Products & Chemicals, Inc.	End-Use Customer
Bruce	Susan	Trustees of the University of Pennsylvania	End-Use Customer
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Davis	James	Virginia Electric & Power Company	Transmission Owner
Domian	Christin	Duquesne Light Company	Transmission Owner
Dossin	Sophia	Big Sandy Peaker Plant, LLC	Generation Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ellis	Jordan	Appalachian Power Company	Transmission Owner
Evrard	David	Pennsylvania Office of Consumer Advocate	End-Use Customer

Farnsworth Jr	Byron	Wellsboro Electric Company	Electric Distributor
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Fuess	Christian	Kuehne Chemical Company, Inc.	End-Use Customer
Fuess	Christian	Diamond State Generation Partners, LLC	Generation Owner
Fuess	Christian	Icetec.com, Inc.	Other Supplier
Fuess	Christian	NextPower III US Holdco Inc.	Generation Owner
Fuess	Christian	PBF Power Marketing LLC	End-Use Customer
Glazer	Grant	Bluebird Solar LLC	Other Supplier
Haggart	Robert	Rockland Electric Company	Transmission Owner
Heinle	Frederick	Dynegy Marketing and Trade, LLC	Generation Owner
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horning	Lynn	American Municipal Power, Inc.	Electric Distributor
Horning	Lynn	Borough of Chambersburg	Electric Distributor
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Jardot	Gina	NRG Business Marketing LLC	Generation Owner
Johnson	Carl	Town of Thurmont	Electric Distributor
Johnson	Carl	Blue Ridge Power Agency, Inc.	Electric Distributor
Johnson	Carl	Borough of Mont Alto, Pennsylvania	Electric Distributor
Johnson	Carl	Buckeye Power, Inc.	Electric Distributor
Johnson	Carl	Central Virginia Electric Cooperative	Electric Distributor
Johnson	Carl	City of Dover, Delaware	Electric Distributor
Johnson	Carl	Delaware Municipal Electric Corporation, Inc.	Electric Distributor
Johnson	Carl	Easton Utilities Commission	Electric Distributor
Johnson	Carl	Energy Cooperative Association of Pennsylvania (The)	Other Supplier
Johnson	Carl	Hagerstown Light Department	Electric Distributor
Johnson	Carl	Illinois Municipal Electric Agency	Electric Distributor
Johnson	Carl	Indiana Municipal Power Agency	Electric Distributor
Johnson	Carl	Michigan Public Power Agency	Electric Distributor
Johnson	Carl	North Carolina Electric Membership Corporation	Electric Distributor
Johnson	Carl	Northeastern REMC	Electric Distributor
Johnson	Carl	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson	Carl	Old Dominion Electric Cooperative	Electric Distributor
Johnson	Carl	WPPI Energy	Other Supplier
Johnson	Carl	Town of Williamsport (The)	Electric Distributor
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP	Other Supplier
Kilgallen	Kevin	Avangrid Power, LLC	Generation Owner
Lafayette	Robin	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Laios	Takis	Appalachian Power Company	Transmission Owner

Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Mason	Gary	Monongahela Power Company	Transmission Owner
Miller	John	Mount Storm Wind LLC	Generation Owner
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Poulos	Greg	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Poulos	Greg	Office of the Attorney General, Kentucky	End-Use Customer
Poulos	Greg	New Jersey Division of Rate Counsel	End-Use Customer
Poulos	Greg	Illinois Citizens Utility Board	End-Use Customer
Poulos	Greg	Maryland Office of People's Counsel	End-Use Customer
Poulos	Greg	Delaware Division of the Public Advocate	End-Use Customer
Poulos	Greg	Public Staff - North Carolina Utilities Commission	End-Use Customer
Poulos	Greg	West Virginia Consumer Advocate Division	End-Use Customer
Rohrbach	John	Kentucky Municipal Energy Agency	Electric Distributor
Rohrbach	John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Svenson	Heather	Public Service Electric and Gas Company	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Ushijima	Hiroaki	Elwood Energy, LLC	Generation Owner
Whitehead	Jeffrey	Parkway Generation Operating LLC	Generation Owner
Whitehead	Jeffrey	Wheelabrator Falls Inc.	Generation Owner
Whitehead	Jeffrey	Essential Power Rock Springs, LLC	Generation Owner

Non-voting Attendees

Last Name	First Name	Company	Sector
Abdur-Rahman	Muhsin	Citigroup Energy, Inc.	Other Supplier
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Al-Eryani	Sameh	EPE Consulting	None
Alfano	Melissa	Solar Energy Industry Association	None
Bangston	Kaley	NextEra Energy Marketing, LLC	Other Supplier
Bangston	Kaley	NextEra Energy Marketing, LLC	Other Supplier
Barnes	Betsy	Pennsylvania Public Utility Commission	None
Barry	Abdoul	PA PUC	None
Bautista	Alejandro	Exelon Business Services Company, LLC	Transmission Owner
Benitez	Rick	BENGCC LLC	None
Berthiaume	Scott	Rockland Electric Company	Transmission Owner
Breidenbaugh	Aaron	Enerwise Global Technologies, LLC	Other Supplier
Callen	Zachary	Illinois Commerce Commission	None

Campbell	Bruce	Enerwise Global Technologies, LLC	Other Supplier
Chandler	Kent	R Street Institute	None
Chen	Huayu	Five Elements Energy LLC	Other Supplier
Chintapalli	Raj	BP Energy Company	Other Supplier
Chum	Vivian	Wright & Talisman	None
Cicero	Patrick	PACS	None
Clingan	Kristin	Public Utilities Commission of Ohio (The)	None
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Corwin	Bridget	Michigan Public Service Commission	None
Coyle	Billy	Virginia Electric & Power Company	Transmission Owner
Curtis	Kenneth	Enverus, Inc.	None
Dada	Noorgul	Lightsource Renewable Energy Development, LLC	Other Supplier
Dadourian	John	Monitoring Analytics	None
Davies	Steve	Indiana Utility Regulatory Commission	None
Davis	David	Apex Clean Energy Holdings, LLC	None
Davis	Glenn	Virginia DOE	None
Delmar	Joe	Essential Power OPP, LLC	Generation Owner
DeLosa	Joe	The Brattle Group, Inc.	None
Detweiler	Katie	FERC	None
DiLuzio	Dominic	Constellation Energy Generation, LLC	Generation Owner
Dixon	Nathan	Aspen Generating, LLC	Generation Owner
Dooling	Waverly	Federal Energy Regulatory Commission	None
Dorko	Keri	Monitoring Analytics	None
Drugan	Dylan	Daymark Energy Advisors	None
Ericson	Christine	Illinois Commerce Commission	None
Evergam	Scott	Blue Horseshoe Energy LLC	None
Evergam	Scott	Blue Horseshoe Energy LLC	None
Fabiano	Janell	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Fields	William	Maryland Office of People's Counsel	End-Use Customer
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Finkel	Jacob	Pennsylvania Public Utility Commission	None
Fitch	Neal	NRG Business Marketing LLC	Generation Owner
Flores	Gilbert	Electrical Power Engineers Consulting	None
Flores	Gilbert	Electrical Power Engineers Consulting	None
Ford	Adrien	Constellation Energy Generation, LLC	Generation Owner
Foster	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Foster-Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Gahimer	Mike	Maryland Solar LLC	Generation Owner
Gantley	Kathryn	Dominion Energy Generation Marketing, Inc.	Generation Owner

Gates	Terry	Appalachian Power Company	Transmission Owner
Ge	Jingdong	Virginia Electric & Power Company	Transmission Owner
Ghosh	Josh	Constellation Energy Generation, LLC	Generation Owner
Gilani	Rehan	Castleton Commodities Energy Services LLC	Other Supplier
Glatz	Sue	Glatz Energy Consulting LLC	None
Gorman	Brad	American Transmission Systems, Inc.	Transmission Owner
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Haas	Abbey	Constellation Energy Generation, LLC	Generation Owner
Hall	Heather	Exelon Business Services Company, LLC	Transmission Owner
Hanser	Erik	Michigan Public Service Commission	None
Hathcock	Jason	CEP Solar, LLC	None
Hauer	Afton	Federal Energy Regulatory Commission	None
Heisey	Bradley	Tenaska Pennsylvania Partners, LLC	Generation Owner
Hickman	Adam	Appalachian Power Company	Transmission Owner
Himmelspach	Treasa	Appalachian Power Company	Transmission Owner
Hixson	Cameron	Pennsylvania Public Utility Commission	None
Hooker	Marquette	Virginia Electric & Power Company	Transmission Owner
Horner	Adrian	Geenex Solar LLC	Other Supplier
Huang	James	Electranet REP I, LLC	Other Supplier
Hugee	Jacqui	Virginia Electric & Power Company	Transmission Owner
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hunter	Benjamin	Delaware Department of Natural Resources and Environmental Control	None
Huntoon	Steve	Chesapeake Transmission LLC	Other Supplier
Hyatt	Earl	Monitoring Analytics	None
Iler	Art	Indiana Office of Utility Consumer Counselor	None
Ilhardt	Julia	Linea Energy	None
Isaac	Carlos	Exelon Business Services Company, LLC	Transmission Owner
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Johnson	Amanda	Duquesne Light Company	Transmission Owner
Johnston	David	Indiana Utility Regulatory Commission	None
Kettig	Bob	NJR Clean Energy Ventures Corporation	Generation Owner
Kingsley	Grey	Parkway Generation Operating LLC	Generation Owner
Kingston	Amber	Aces Power Marketing	None
Kirk	Steve	Parkway Generation Operating LLC	Generation Owner
Klingensmith	Laurel	American Transmission Systems, Inc.	Transmission Owner
Kogut	George	New York Power Authority	Other Supplier
Kwok	Jordan	Exelon Business Services Company, LLC	Transmission Owner
Lawton	Nick	Earthjustice	None
Lee	Aristotle	Grays Ferry Cogeneration Partnership	Generation Owner
Leith-Yessian	Devin	RTO Insider	None

Litynski	Jackie	Commonwealth of Pennsylvania	None
Love	Levi	Sheetz Energy, Inc.	None
Mansh	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Massarelli	Eva	Virginia Electric & Power Company	Transmission Owner
McClure	Emily	Illinois Commerce Commission	None
McCorry	Hannah	Illinois Commerce Commission	None
McDewell	Christian	Pennsylvania Public Utility Commission	None
McNab	Russell	Federal Energy Regulatory Commission	None
McNeil	Justin	Kentucky Public Service Commission	None
McNicholas	Daniel	Nautilus Power, LLC	Generation Owner
Mendez	Victor	Commonwealth Edison Company	Transmission Owner
Mickel	Ann Gordan	Virginia Electric & Power Company	Transmission Owner
Miller	John	Calico Energy	None
Miller	John	NedPower Mount Storm, LLC	Generation Owner
Miller	Eric	American Transmission Systems, Inc.	Transmission Owner
Montgomery	Kristina	Dynegy Marketing and Trade, LLC	Generation Owner
Morgan	Lily	Constellation Energy Generation, LLC	Generation Owner
Nader	Jordan	Public Staff - North Carolina Utilities Commission	End-Use Customer
Newbill	Brandon	Old Dominion Electric Cooperative	Electric Distributor
Newton	Jacob	Old Dominion Electric Cooperative	Electric Distributor
Nichols	Chris	Energy Exemplar	None
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
Ochsenhirt	Fred	Virginia State Corporation Commission	None
Ondayko	Brock	AEP Energy Partners, Inc.	Transmission Owner
Osborn	Eric	EDF Trading North America, LLC	Other Supplier
Palla	Sunil	NextEra Energy Marketing, LLC	Other Supplier
Parekh	Vaibhav	New Project Media	None
Parrot	Sarah	Public Utilities Commission of Ohio	None
Patterson	Aaron	NorthBridge Group	None
Pearlman	Toba	Illinois Commerce Commission	None
Peoples	John	Duquesne Light Company	Transmission Owner
Pezalla	William	Old Dominion Electric Cooperative	Electric Distributor
Pierpont	Dan	Riverside Generating Company, L.L.C.	Generation Owner
Pietrucha	Doug	Advanced Energy United	None
Poualion	Sumra	Shell Energy North America (US), L.P.	Other Supplier
Powers	Sean	Messer LLC	End-Use Customer
Price	Ruth	Delaware Division of the Public Advocate	End-Use Customer
Price	Mark	DC Energy Mid-Atlantic, LLC	Other Supplier
Prisby	Eric	Energy Authority, Inc. (The)	Other Supplier
Quinlan	Pamela	GQ New Energy Strategies	None

Randazzo	Tim	New Jersey Board of Public Utilities	None
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Reagan	Erin	Non-member	None
Rode	Advait	Michigan Public Service Commission	None
Rosenthal	Peter	Castleton Commodities Merchant Trading L.P.	Other Supplier
Rumsey	Amanda	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Sablosky	Maximillian	HANWHA Q CELLS USA CORP.	None
Saluja	Varun	NGV US TRANSMISSION INC.	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Savage	David	Indiana Utility Regulatory Commission	None
Savage	Elizabeth	AES Solutions Management, LLC	Other Supplier
Scheidecker	Paul	Monitoring Analytics	None
Scheirer	Alexandra	Gabel Associates	None
Schreim	Morris	MD PSC	None
Selick	Sam	Customized Energy Solutions, Ltd.	None
Shaughnessy	Pat	Pennsylvania Public Utility Commission	None
Shelor	Jeremiah	Virginia Electric & Power Company	Transmission Owner
Shinn	Robert	Maryland Governor's Office	None
Silverman	Abe	Johns Hopkins University	None
Skiest	Ben	ESAI Power	None
Slifer	Diane	GT Power Group, LLC	None
Sokol	Kara	Duquesne Light Company	Transmission Owner
Sprinkle	Dan	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Stadelmeyer	Rebecca	Gabel Associates	None
Steichen	Renae	Bath County Energy, LLC	Generation Owner
Steltzer	Eric	NGV US TRANSMISSION INC.	None
Stephens	Eric	American Municipal Power, Inc.	Electric Distributor
Stillson	Erica	Alliance for Cooperative Energy Services Power Marketing LLC	None
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Stupar	Rob	Invenergy Energy Management LLC	Generation Owner
Suh	Jung	Calpine Energy Solutions, LLC	Other Supplier
Summers	Clara	Illinois Citizens Utility Board	End-Use Customer
Sussler	Philip	Maryland Office of People's Counsel	End-Use Customer
Swary	Michael	Interstate Gas Supply, LLC	Other Supplier
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Teti	Zach	Pennsylvania Office of Consumer Advocate	End-Use Customer
Thangara	Preethy	New Jersey	None
Theaker	Brian	Big Sandy Peaker Plant, LLC	Generation Owner
Theodore	Sharon	Electric Power Supply Association	None
Thomas	Glen	GT Power Group, LLC	None

Thomas	Amber	Exelon Business Services Company, LLC	Transmission Owner
Trease	Rhett	Duke Energy Kentucky, Inc.	Transmission Owner
Troncosco	Aaron	Commonwealth of Pennsylvania	None
Tyler	Catherine	Monitoring Analytics	None
VanderLaan	Bill	Illinois Commerce Commission	None
Vargo	Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Wagar	Ben	Jersey Central Power & Light Company	Transmission Owner
Walker	Jennifer	Exelon Business Services Company, LLC	Transmission Owner
Walker	Wes	Dominion Energy Generation Marketing, Inc.	Generation Owner
Wan	Sophia	Calpine Energy Services, L.P.	Generation Owner
Waters	Taylor	Virginia Electric & Power Company	Transmission Owner
Weeks	Tom	Michigan Public Power Agency	Electric Distributor
Wernette	Ryan	Wolverine Power Supply Cooperative, Inc.	Electric Distributor
Wildstein	Pamela	Monitoring Analytics	None
Wilson	James	Wilson Energy Economics	None
Winsky	Timothy	Virginia Electric & Power Company	Transmission Owner
Wynder	Michael	Altrock LLC	Other Supplier
Yoo	Kyungjin	Monitoring Analytics	None
Youchak	Paul	New Jersey Board of Public Utilities	None
Youth	Michael	North Carolina Electric Membership Corporation	Electric Distributor
Yovanovich	Laura	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Yu	Haibin	Calpine Energy Services, L.P.	Generation Owner

PJM Attendees

Last Name	First Name	Company	Sector
Afelumo	Foluso	PJM Interconnection	None
Almonte	Arelis	PJM Interconnection	None
Asthana	Manu	PJM Interconnection	None
Bachus	Tim	PJM Interconnection	None
Baizman	Aaron	PJM Interconnection	None
Belenky	Maria	PJM Interconnection	None
Benner	William	PJM Interconnection	None
Bennett	Daniel	PJM Interconnection	None
Bennett	Stephen	PJM Interconnection	None
Berner	Aaron	PJM Interconnection	None
Bernstein	Matthew	PJM Interconnection	None
Bielak	Donnie	PJM Interconnection	None
Boyle	Glen	PJM Interconnection	None
Bruno	Josh	PJM Interconnection	None
Bryson	Mike	PJM Interconnection	None
Burdis	Tim	PJM Interconnection	None

Burkett	Monica	PJM Interconnection	None
Burnley	Helen	PJM Interconnection	None
Cabezas	Angela	PJM Interconnection	None
Cao	Roger	PJM Interconnection	None
Carroll	Rebecca	PJM Interconnection	None
Centeno	Jacqueline	PJM Interconnection	None
Chmielewski	Brian	PJM Interconnection	None
Clarke	Linda	PJM Interconnection	None
Conboy	Paula	PJM Board	None
Connell	Jason	PJM Interconnection	None
Connolly	Matt	PJM Interconnection	None
Coscia	Carl	PJM Interconnection	None
Coyne	Suzanne	PJM Interconnection	None
Croop	Danielle	PJM Interconnection	None
Cummings	Bridgid	PJM Interconnection	None
Curtin	Haley	PJM Interconnection	None
D'Antonio	Phil	PJM Interconnection	None
Davis	Becky	PJM Interconnection	None
DeVita	Thomas	PJM Interconnection	None
Dumitriu	Nic	PJM Interconnection	None
Esterly	Theresa	PJM Interconnection	None
Fan	Zhenyu	PJM Interconnection	None
Farhat	Michelle	PJM Interconnection	None
Fereshetian	Damon	PJM Interconnection	None
Fetterhoff	Logan	PJM Interconnection	None
Fitzpatrick	Brian	PJM Interconnection	None
Franks	Chris	PJM Interconnection	None
Franks	Edmund	PJM Interconnection	None
Frogg	Darrell	PJM Interconnection	None
Gledhill	Andrew	PJM Interconnection	None
Graf	Walter	PJM Interconnection	None
Greening	Michele	PJM Interconnection	None
Handlin	Mike	PJM Interconnection	None
Haque	Asim	PJM Interconnection	None
Hartung	Shanna	PJM Interconnection	None
Hatch	Kevin	PJM Interconnection	None
Hauske	David	PJM Interconnection	None
Hayik	Seth	PJM Interconnection	None
Heater	Megan	PJM Interconnection	None
Herel	Suzanne	PJM Interconnection	None

Herman	Michael	PJM Interconnection	None
Holter	Natasha	PJM Interconnection	None
Hsia	Eric	PJM Interconnection	None
Jason	Stanek	PJM Interconnection	None
Johnson	Jeanine	PJM Board	None
Keech	Adam	PJM Interconnection	None
Kelly	Gwen	PJM Interconnection	None
Kenney	Susan	PJM Interconnection	None
Keshavamurthy	Bhavana	PJM Interconnection	None
Khan	Aftab	PJM Interconnection	None
Kim	Sung	PJM Interconnection	None
Knox	Marie	PJM Interconnection	None
Konowal	Richard	PJM Interconnection	None
Lacek	Mollie	PJM Interconnection	None
Lai	Erin	PJM Interconnection	None
Langbein	Pete	PJM Interconnection	None
Lawson	Stephen	PJM Interconnection	None
Lee	Suin	PJM Interconnection	None
Loebl	Margo	PJM Board	None
Lu	Chen	PJM Interconnection	None
Lusska	Kirsten	PJM Interconnection	None
Lynch	Jessica	PJM Interconnection	None
Mali	Gizella	PJM Interconnection	None
Martin	Amanda	PJM Interconnection	None
Marzewski	Skyler	PJM Interconnection	None
Mathias	Joel	PJM Interconnection	None
Mayer	Shawn	PJM Interconnection	None
Mazich	Sarah	PJM Interconnection	None
McGill	Susan	PJM Interconnection	None
McGovern	Jason	PJM Interconnection	None
Militello	Nikki	PJM Interconnection	None
Mills	David	PJM Board	None
Miscavage	Dave	PJM Interconnection	None
Mooney	Molly	PJM Interconnection	None
Morelli	Lisa	PJM Interconnection	None
Moretti	Andrea	PJM Interconnection	None
Mroz	David	PJM Interconnection	None
Nestel	Stacey	PJM Interconnection	None
Nguyen	Anh	PJM Interconnection	None
Obi	Chukwudumebi	PJM Interconnection	None

O'Brien	Tom	PJM Interconnection	None
O'Connell	Moira	PJM Interconnection	None
O'Hara	Christopher	PJM Interconnection	None
Olaleye	Michael	PJM Interconnection	None
O'Neill	Jake	PJM Interconnection	None
Patel	Keyur	PJM Interconnection	None
Perera	Asanga	PJM Interconnection	None
Petrov	Matt	PJM Interconnection	None
Phillips	Darlene	PJM Interconnection	None
Pilong	Christopher	PJM Interconnection	None
Pilong	Melissa	PJM Interconnection	None
Pitts	Martelle	PJM Interconnection	None
Quevada	Jason	PJM Interconnection	None
Rardin	Dave	PJM Interconnection	None
Reed	Jennifer	PJM Interconnection	None
Reffner	Brent	PJM Interconnection	None
Rios	Vireli	PJM Interconnection	None
Rocha-Garrido	Patricio	PJM Interconnection	None
Salmon	Lisa	PJM Interconnection	None
Schwarz	Stephanie	PJM Interconnection	None
Shah	Vijay	PJM Interconnection	None
Shields	Jeff	PJM Interconnection	None
Shoemaker	Jason	PJM Interconnection	None
Snow	Jim	PJM Interconnection	None
Souder	Dave	PJM Interconnection	None
Souder	Michelle	PJM Interconnection	None
Starkov	Stefan	PJM Interconnection	None
Stephenson	Josh	PJM Interconnection	None
Swimm	Nora	PJM Interconnection	None
Thompson	Jonathan	PJM Interconnection	None
Toth	Kaitlyn	PJM Interconnection	None
Tribulski	Jennifer	PJM Interconnection	None
Tutino	Joseph	PJM Interconnection	None
Ulmer	William	PJM Interconnection	None
VanZandt	Vickie	PJM Board	None
Vinnik	Daniel	PJM Interconnection	None
Wells	Christopher	PJM Interconnection	None
Wharton	Matthew	PJM Interconnection	None
Widom	Stuart	PJM Interconnection	None
Williamson	Jere	PJM Interconnection	None

Woodall	Andrew	PJM Interconnection	None
Woznyj	Mike	PJM Interconnection	None
Wu	Mia	PJM Interconnection	None
Wynne	Connor	PJM Interconnection	None
Ynaya	Mariel	PJM Interconnection	None
Zamojcin	Ann	PJM Interconnection	None
Zhang	Michael	PJM Interconnection	None
Zhao	Wentao	PJM Interconnection	None